

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/546006

In re Patent Application of )  
Jeong Chang LEE et al. ) Group Art Unit:  
Application No.: Unassigned ) Examiner:  
Filed: August 18, 2005 ) Confirmation No.:  
For: FLUOROPOLYMER COMPOSITE )  
COMPOSITION (as amended) )

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

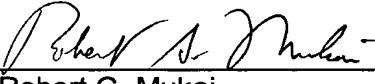
The listed documents were cited in the International Search Report in the corresponding PCT application.

To assist the Examiner, the documents are listed on the attached form PTO-1449. However, copies of the documents are not provided as it is understood that they have already been transmitted by the International Bureau. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date August 18, 2005

By:   
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**Substitute for form 1449A/PTO & 1449B/PTO**

**FIRST  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1 Attorney Docket Number 033622-017

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

| Examiner Initials | Document Number | Kind Code<br>(if known) | Country                          | Date of Publication<br>(MM-DD-YYYY) | STATUS              |               |      | Cited in Spec |
|-------------------|-----------------|-------------------------|----------------------------------|-------------------------------------|---------------------|---------------|------|---------------|
|                   |                 |                         |                                  |                                     | Eng. Lang. Summary  | Search Report | IPER |               |
|                   |                 |                         |                                  |                                     | Partial Translation | Translation   |      |               |
|                   | 2004-010891     | A                       | JP<br>(corres to US 2003/228463) | 01-15-2004                          |                     | X             |      |               |
|                   | 2003-277610     | A                       | JP                               | 10-02-2003                          |                     | X             |      |               |
|                   | 2001-523278     | A                       | JP<br>(corres to US 5,962,553)   | 11-20-2001                          |                     | X             |      |               |
|                   | 2000-204214     | A                       | JP                               | 07-25-2000                          |                     | X             |      |               |
|                   | 61-69853        | A                       | JP                               | 04-10-1986                          |                     | X             |      |               |
|                   | 2001-512768     | A                       | JP                               | 08-28-2001                          |                     | X             |      |               |
|                   | 2002-334721     | A                       | JP<br>(corres to US 2002/168569) | 11-22-2002                          |                     | X             |      |               |
|                   | 58-91772        | A                       | JP                               | 05-31-1983                          |                     | X             |      |               |
|                   | 7-252365        | A                       | JP                               | 10-03-1995                          |                     | X             |      |               |

## **NON-PATENT LITERATURE DOCUMENTS**

|                   |   |
|-------------------|---|
| Examiner Initials | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |
|                   | XIE et al., "Thermal Stability of Quaternary Phosphonium Modified Montmorillonites," <i>Chemistry of Materials</i> , 2002, pp 4837-4845, Vol. 14 (11), American Chemical Society  |
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|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.